

WHAT IS CLAIMED IS:

1. An elevator system in which a car travels upward and downward among a plurality of floors, which comprises:

terminals each having a wireless transmitting/receiving unit, one of said terminals being correspondingly provided for at least one of said plurality of floors and another of said terminals being correspondingly provided for at least one of said car and a counterweight; and

a mobile terminal enabling wireless transmission/reception of signals between said terminals arranged within a predetermined distance of each other.

2. An elevator system according to claim 1, wherein said one of said terminals is correspondingly provided for at least two of said plurality of floors.

3. An elevator system according to claim 1, wherein said another of said terminals is correspondingly provided for said car and said counterweight.

4. An elevator system in which a car travels upward and downward among a plurality of floors, which comprises:

terminals each having a wireless transmitting/receiving unit, said terminals being correspondingly provided for an elevator control unit and respectively for said floors;

wherein transmission/reception of signals is performed between two of said terminals by relay of said signals through different plural paths; and

a comparator which compares a plurality of said signals received through said different plural paths to each other.